

***Haplopappus hirtus* A. Gray var. *sonchifolius* H.M. Hall**
sticky goldenweed
Asteraceae (Aster Family)

Status: State Review Group 1

Rank: G4G5T3S1

General Description: Adapted from Hitchcock et al. (1955) and Cronquist et al. (1994): *Haplopappus hirtus* var. *sonchifolius* is a perennial from a taproot or a shortly branched, woody base. The plant is 4 to 24 inches (1-6 dm) tall with one to few stems commonly curved at the base, and appearing sparsely to evidently leafy. The herbage is sparsely to rather densely long-hairy. The leaves are sharply and irregularly toothed. The basal leaves are tufted and petiolate, and about 2 to 10 in. (5-25 cm) long and 3/8 to 1 1/2 in. (1-4 cm) wide. The stem leaves are smaller and somewhat sessile, but often still well developed. The inflorescences are several or sometimes solitary and bell-shaped to hemispheric. The inflorescence tends to elongate in well-developed plants. The whorl of leafy bracts (involucre) beneath the inflorescence is mostly 1/4 to 1/2 in. (7-13 mm) high, herbaceous above the pale, papery base, and the bracts are mostly parallel. The outer bracts are generally more than half as long as the inner. The yellow flower disk of tubular flowers is about 3/8 to 1 in. (1-2.5 cm) wide, with 13 to 34 rays 1/4 to 1/2 in. (6-12 mm) long. The center hairs of the flower disk are whitish to tawny and have unequal bristles. The fruit is about 1/8 in. (3-3.5 mm) long with 3 or 4 strong ribs and a number of lesser ones, and is long-hairy. The hairs or bristles arising from the fruit are whitish to tawny and unequal in size.

Identification Tips: *Haplopappus hirtus* var. *sonchifolius* is distinguished from other varieties of *H. hirtus* by its more northern range and more robust growth. *H. hirtus* var. *sonchifolius* is the only variety of *H. hirtus* in Washington. However, there are many other species of *Haplopappus* that occur in the same counties in Washington including *H. bloomeri*, *H. carthamoides*, *H. greenei*, *H. lanuginosus*, *H. lyallii*, *H. resinusus*, and *H. stenophyllus*. *H. hirtus* var. *sonchifolius* may be distinguished from all of these by its toothed leaves. A technical key is needed for positive identification.

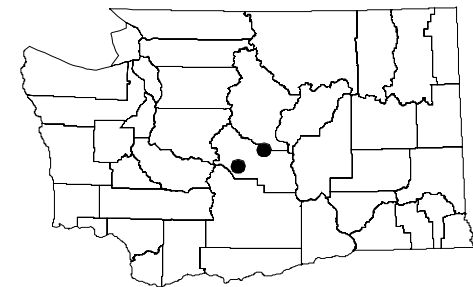
Phenology: This taxon blooms from August through September in Washington.

Haplopappus hirtus* var. *sonchifolius
sticky goldenweed



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Known distribution of
Haplopappus hirtus
var. *sonchifolius*
in Washington



- Current (1980+)
- Historic (older than 1980)

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2005 Produced as part of a cooperative project between the Washington Department of Natural Resources, Washington Natural Heritage Program and the U.S.D.I. Bureau of Land Management. Persons needing this information in an alternative format, call (360) 902-1600 or TTY (360) 902-1125.

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Range: This taxon is known from northeastern Oregon, adjacent counties in Idaho, and scattered locations in Washington. In Washington it has been found in Kittitas and Chelan counties.

Habitat: *Haplopappus hirtus* var. *sonchifolius* occurs in meadows and open or sparsely wooded slopes in the foothills and at moderate elevations. This taxon has been found at an elevation of 4700 ft (1400 m) in Washington, but is found at higher elevations south in its range. Associated species include American aster (*Aster foliaceus*) and Kittitas larkspur (*Delphinium multiplex*).

State Status Comments: This taxon is known in Washington from about five occurrences. Because *Haplopappus hirtus* var. *sonchifolius* was recently added to the Washington rare plant list, not much is known about the degree of its rarity in the state at this time.

Inventory Needs: Open meadows and sparsely wooded slopes at moderate elevations within the taxon's range should be investigated.

Threats and Management Concerns: Threats to this taxon are relatively low, but may include grazing.

Comments: This taxon is also known as *Pyrrocoma hirta* A. Gray var. *sonchifolius* E. Greene.

References:

Cronquist, A., A.H. Holmgren, N.H. Holmgren, J.L. Reveal, P.K. Holmgren. 1994. *Intermountain Flora: Vascular Plants of the Intermountain West, U.S.A.* Volume 5. The New York Botanical Garden, Bronx, New York. 496 pp.

Hitchcock, C.L., A. Cronquist, M. Ownbey, J.W. Thompson. 1955. *Vascular Plants of the Pacific Northwest Part 5: Compositae.* University of Washington Press, Seattle, WA. 343 pp.

Kartesz, J.T. 2004. *Synthesis of North American Flora.* Phyllosystems Corporation. 1.996.

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